



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Joseph F. Poduslo et al.      Art Unit : Unknown  
Serial No. : 10/796,522      Examiner : Unknown  
Filed : March 9, 2004  
Title : TREATMENT FOR CENTRAL NERVOUS SYSTEM DISORDERS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL

The following correspondence relating to this application is enclosed for filing:

1. Information Disclosure Statement (1 page);
2. Form PTO-1449 (2 pages);
3. Copy of Cited Reference (1 reference) ; and
4. A Return Postcard.

Please date stamp and return the enclosed postcard. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 4/15/04

Monica McCormick Graham, Ph.D.  
Reg. No. 42,600

Fish & Richardson P.C., P.A.  
60 South Sixth Street  
Suite 3300  
Minneapolis, MN 55402  
(612) 335-5070 telephone  
(612) 288-9696 facsimile

60210171.doc

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

April 15, 2004

Date of Deposit

Signature

Lisa M. Becker

Typed or Printed Name of Person Signing Certificate



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Joseph F. Poduslo et al.      Art Unit : Unknown  
Serial No. : 10/796,522      Examiner : Unknown  
Filed : March 9, 2004  
Title : TREATMENT FOR CENTRAL NERVOUS SYSTEM DISORDERS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449.

Under 35 USC §120, this application relies on the earlier filing date of application serial number 09/942,253, filed on August 29, 2001. All of the references were submitted to and/or cited by the Office in the prior application, with the exception of Desig. IDs: AE, AF, AG, AH, and AAA and, therefore, copies are not provided in this application. A copy of non-patent reference AAA is enclosed.

This statement is being filed within three months of the filing date of the application.  
Please apply any charges or credits to Deposit Account No. 06-1050.

Date: 4/15/04

Respectfully submitted,

Monica McCormick Graham, Ph.D.  
Reg. No. 42,600

Fish & Richardson P.C., P.A.  
60 South Sixth Street, Suite 3300  
Minneapolis, MN 55402  
Telephone: (612) 335-5070  
Facsimile: (612) 288-9696

60210112.doc

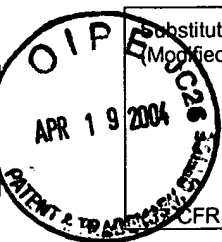
CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

\_\_\_\_\_  
Date of Deposit      April 15, 2004

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Typed or Printed Name of Person Signing Certificate  
Lisa M. Becker


 Substitute Form PTO-1449  
(Modified)

 U.S. Department of Commerce  
Patent and Trademark Office

 Attorney's Docket No.  
07039-351002

 Application No.  
10/796,522

**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

37 CFR §1.98(b))

 Applicant  
Joseph F. Poduslo et al.

 Filing Date  
March 9, 2004

Group Art Unit

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,231,000	07/27/93	Majocha et al.			
	AB	5,262,332	11/16/93	Selkoe			
	AC	5,670,477	09/23/97	Poduslo et al.			
	AD	5,854,204	12/29/98	Findeis et al.			
	AE	4,946,778	08/07/90	Ladner et al.			
	AF	5,260,308	11/09/93	Poduslo et al.			
	AG	5,604,198	02/18/97	Poduslo et al.			
	AH	2004/0022736	02/05/04	Poduslo et al.			

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AI	WO 01/74374	10/11/01	PCT				

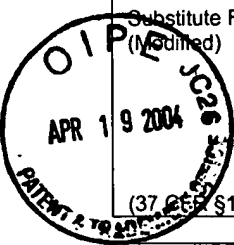
**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AJ	Caravan et al., "Gadolinium (III) Chelates as MRI Contrast Agents: Structure, Dynamics, and Applications," <u>Chem. Rev.</u> , 1999, 99:2293-2352
	AK	Chen et al., "A learning deficit related to age and $\beta$ -amyloid plaques in a mouse model of Alzheimer's disease," <u>Nature</u> , 2000, 408:975-979
	AL	Curtet et al., "Polylysine-Gd-DTPA <sub>n</sub> and Polylysine-Gd-DOTA <sub>n</sub> Coupled to Anti-CEA F(ab') <sub>2</sub> Fragments as Potential Immunocontrast Agents," <u>Invest. Radiol.</u> , 1998, 33(10):752-761
	AM	De St. Groth and Scheidegger, "Production of Monoclonal Antibodies: Strategies and Tactics," <u>J. Immunol. Methods</u> , 1980, 35:1-21
	AN	DeMattos et al., "Peripheral anti-A $\beta$ antibody alters CNS and plasma A $\beta$ clearance and decreases brain A $\beta$ burden in a mouse model of Alzheimer's disease," <u>Proc. Natl. Acad. Sci. USA</u> , 2001, 98(15):8850-8855
	AO	Fraser et al., "Fibril Formation by Primate, Rodent, and Dutch-Hemorrhagic Analogues of Alzheimer Amyloid $\beta$ -Protein," <u>Biochemistry</u> , 1992, 31:10716-10723
	AP	Hilbich et al., "Human and rodent sequence analogs of Alzheimer's amyloid $\beta$ A4 share similar properties and can be solubilized in buffers of pH 7.4," <u>Eur. J. Biochem.</u> , 1991, 201:61-69
	AQ	Janus et al., "A $\beta$ peptide immunization reduces behavioural impairment and plaques in a model of Alzheimer's disease," <u>Nature</u> , 2000, 408:979-982
	AR	Kalra, "Circumventing leptin resistance for weight control," <u>Proc. Natl. Acad. Sci. USA</u> , 2001, 98(8):4279-4281

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07039-351002	Application No. 10/796,522
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Joseph F. Poduslo et al.	
		Filing Date March 9, 2004	Group Art Unit

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AS	Lauffer et al., "Preparation and Water Relaxation Properties of Proteins Labeled with Paramagnetic Metal Chelates," <u>Magn. Reson. Imaging</u> , 1985, 3:11-16
	AT	Le et al., "Amyloid $\beta_{42}$ Activates a G-Protein-Coupled Chemoattractant Receptor, FPR-Like-1," <u>J. Neuroscience</u> , 2001, 21:1-5
	AU	Morgan et al., "A $\beta$ peptide vaccination prevents memory loss in an animal model of Alzheimer's disease," <u>Nature</u> , 2000, 408:982-985
	AV	Müller-Gärtner, "Imaging techniques in the analysis of brain function and behaviour," <u>TIB Tech.</u> , 1998, 16:122-130
	AW	Poduslo and Curran, "Increased permeability across the blood-nerve barrier of albumin glycated <i>in vitro</i> and <i>in vivo</i> from patients with diabetic polyneuropathy," <u>Proc. Natl. Acad. Sci. USA</u> , 1992, 89:2218-2222
	AX	Poduslo et al., "Macromolecular permeability across the blood-nerve and blood-brain barriers," <u>Proc. Natl. Acad. Sci. USA</u> , 1994, 91:5705-5709
	AY	Poduslo and Curran, "Polyamine Modification Increases the Permeability of Proteins at the Blood-Nerve and Blood-Brain Barriers," <u>J. Neurochemistry</u> , 1996, 66:1599-1609
	AZ	Poduslo et al., "Permeability of Proteins at the Blood-Brain Barrier in the Normal Adult Mouse and Double Transgenic Mouse Model of Alzheimer's Disease," <u>Neurobiol. Disease</u> , 2001, 8:555-567
	AAA	Saito et al., "Vector-mediated delivery of $^{125}\text{I}$ -Labeled $\beta$ -amyloid peptide A $\beta^{1-40}$ through the blood-brain barrier and binding to Alzheimer disease amyloid of the A $\beta^{1-40}$ /vector complex," <u>Proc. Natl. Acad. Sci. USA</u> , 1995, 92:10227-10231
	ABB	Saji, "Targeted Delivery of Radiolabeled Imaging and Therapeutic Agents: Bifunctional Radiopharmaceuticals," <u>Crit. Rev. Ther. Drug Carrier Syst.</u> , 1999, 16(2):209-244
	ACC	Sipkins et al., "Detection of tumor angiogenesis <i>in vivo</i> by $\alpha_v\beta_3$ -targeted magnetic resonance imaging," <u>Nature Med.</u> , 1998, 4(5):623-626
	ADD	Wang et al., "Comparing the hypothalamic and extrahypothalamic actions of endogenous hyperleptinemia," <u>Proc. Natl. Acad. Sci. USA</u> , 1999, 96:10373-10378
	AEE	Zanusso et al., "Prion protein expression in different species: Analysis with a panel of new mAbs," <u>Proc. Natl. Acad. Sci. USA</u> , 1998, 95:8812-8816

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	